



Department of Water Management / Industrial Waste Control

Tyrone Battle, Industrial Waste
Control Supervisor

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Departmental Mission


- To provide an adequate supply of safe drinking water for all citizens, and;
- To protect the environment through effective wastewater treatment, conservation and infrastructure maintenance, and;
- To provide quality customer service and affordable water and sewer services, and;
- Maintain compliance with all legal and regulatory requirements



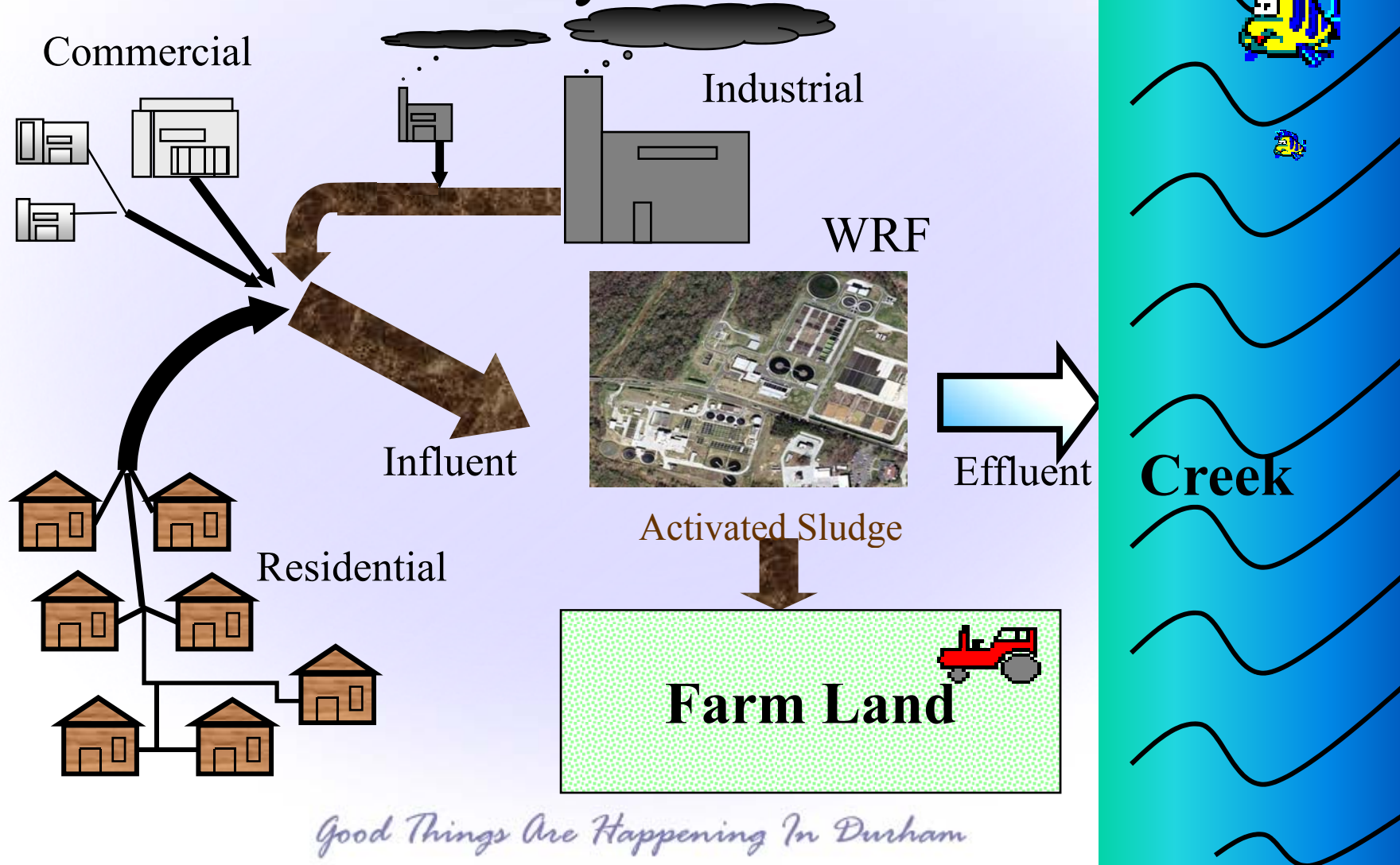
Industrial Waste Control Regulations

- 1972 Federal Clean Water Act → NPDES Permit
- Federal General Pretreatment Regulations - 40 CFR 403
- NC General Statutes
- State Administrative Code - 15A NCAC 2H .0900
- City of Durham's Sewer Use Ordinance

Industrial Waste Control Duties

- Develop, issue and maintain SIU permits.
- Administer Enforcement Response Plan.
- Administer Septage Control Program.
- Administer FOG Program. 
- Coordinate monitoring, sampling, and inspections of facilities.
- Preparation of surcharges and monitoring bills.
- Conduct headworks analysis.

Industrial Waste Control Sanitary Sewer



Fats, Oil and Grease (FOG)

- When cooking fats, oils and grease are poured down the drain, they tend to collect and stick to household plumbing and sewer lines. Over time blockages occur that lead to sewer backups and overflows.



SSOs: Their Impact



- SSOs are a threat to health, safety, welfare of the public
- SSOs cause endangerment to the environment
- SSO cleanups cost the Town many thousands of dollars

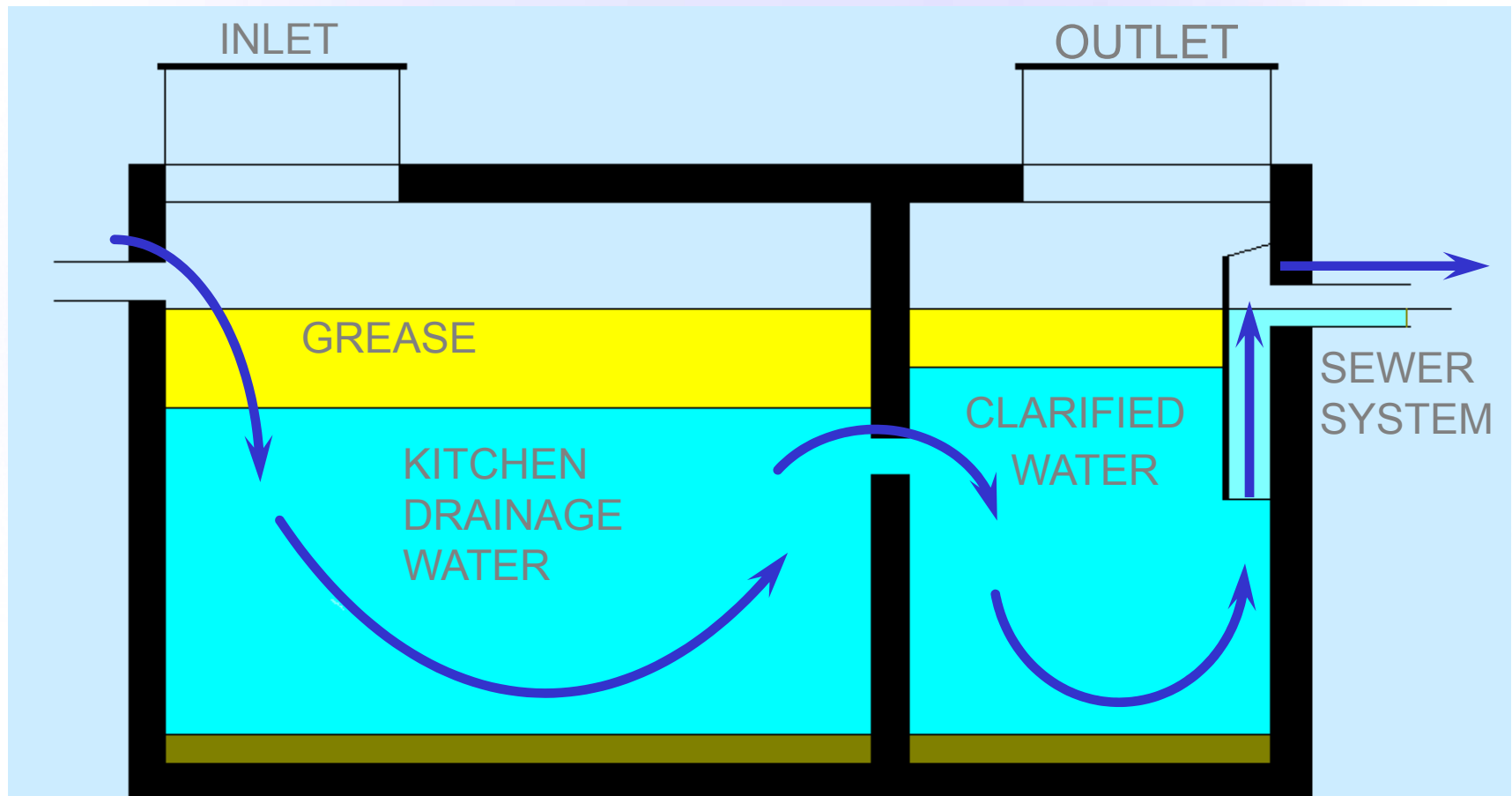


Industrial Waste Control Food Establishments

Any establishment that commercially prepares food should have a grease trap or grease interceptor.

- Restaurants
- School Cafeterias
- Assisted Living Facilities
- Business Cafeterias
- Movie Theaters
- Hospitals

Grease Interceptor



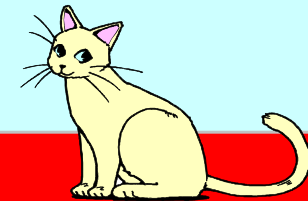
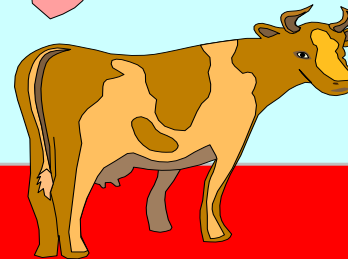
Concrete Outdoor In-Ground Interceptor

Trap & Fryer Grease ... It's Recyclable !

20% Make-Up, Candle's,
Food Grade Lubricants

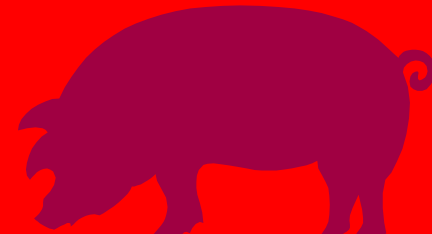


20% Cattle Feed, Dog & Cat Food

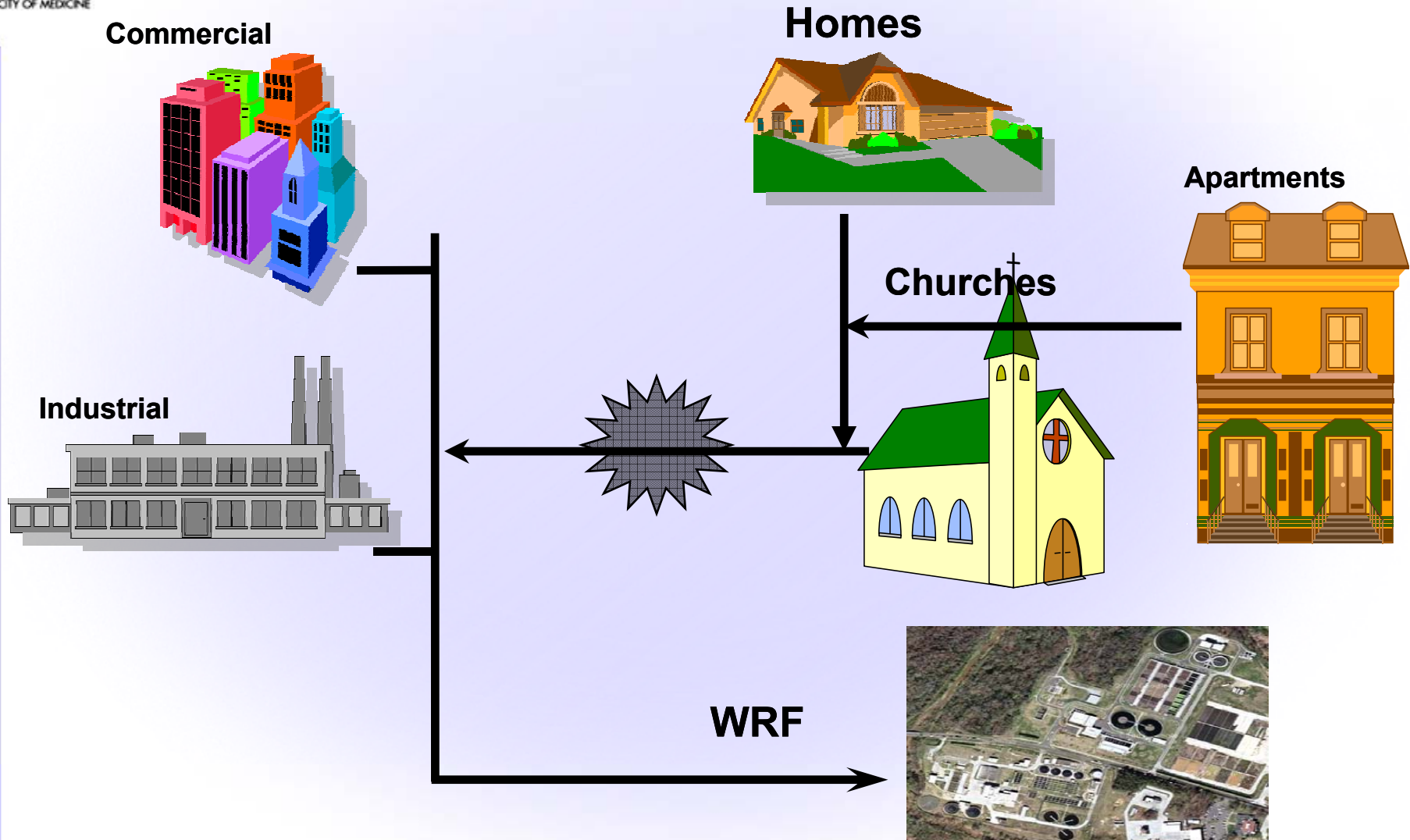


60%

Poultry Feed, Pork Feed



Residential Grease Blockages



Residential Grease Blockages

Education! Education! Education!

DO:

- Put oil and grease in collection containers.
- Remove oil and grease from kitchen utensils, equipment, and food preparation areas with scrapers/towels/brooms.
- Keep grease out wash water.
- Place food scraps in collection containers.

DO NOT:

- Pour oil and grease down drains.
- Wash fryers, pots/pans, and plates with water until oil and grease are removed.
- Use hot water to rinse grease off surfaces.
- Put food scraps down drains.